

What is claimed is:

1 1. A wireless communication system comprising:
2 a plurality of base stations simultaneously communicating
3 with a mobile station by receiving a radio signal relating
4 to a first communication type transmitted by the mobile
5 station;
6 a specific base station communicating with the mobile
7 station by receiving a radio signal relating to a second
8 communication type different from the first communication
9 type;
10 a controller receiving signals, based on the radio signal
11 relating the first communication type, from said plurality
12 of base stations, and receiving a signal, based on the
13 radio signal relating to the second communication type,
14 from said specific base station, wherein
15 said controller transmits a first control signal to said
16 plurality of base stations and said specific base station,
17 on the basis of the signal based on the radio signal
18 relating to the second communication type received from the
19 specific base station.

1 2. A wireless communication system according to claim 1,
2 wherein
3 the first communication type is applied to a voice
4 communication, the second communication type is specialized
5 to a packet access communication.

1 3. A wireless communication system according to claim 1,
2 wherein
3 the signal received by said controller from said specific
4 base station comprises a quality information on the radio
5 signal relating to the second communication type received
6 by the specific base station from the mobile station,
7 said controller generates the first control signal on the
8 basis of the quality information.

1 4. A wireless communication system according to claim 1,
2 wherein
3 said controller generates a quality target, as the first
4 control signal, for the radio signal received by said
5 plurality of base station and said specific base station
6 communicating with the mobile station.

1 5. A wireless communication system according to claim 1,
2 wherein
3 said plurality of base stations and said specific base
4 station receive the first control signal transmitted by
5 said controller, and transmits a second control signal to
6 the mobile station, on the basis of the first control
7 signal.

1 6. A wireless communication system according to claim 5,
2 wherein

3 the signal received by said controller from said specific
4 base station comprises a quality information on the radio
5 signal relating to the second communication type received
6 by the specific base station from the mobile station,
7 the first control signal is a quality target for the radio
8 signal received by said plurality of base stations and the
9 radio signal received by the specific base station from the
10 mobile station,
11 the second control signal is a transmit power control
12 signal for controlling a transmit power of the radio signal
13 transmitted by the mobile station.

1 7. A wireless communication system according to claim 6,
2 wherein
3 the transmit power control signal directs to increase or
4 decrease the transmit power of the radio signal transmitted
5 by the mobile station.

1 8. A wireless communication system comprising:
2 a mobile station transmitting a radio signal relating to
3 a first communication type and a radio signal relating to a
4 second communication type different from the first
5 communication type;
6 a plurality of base stations communicating with said
7 mobile station by receiving the radio signal relating to
8 the first communication type;
9 a specific base station communicating with said mobile

10 station by receiving the radio signal relating to the
11 second communication type; and
12 a controller receiving signals, based on the radio signal
13 relating the first communication type, from said plurality
14 of base stations, and receiving a signal based on the radio
15 signal relating to the second communication type, from said
16 specific base station, wherein
17 said controller transmits a first control signal to said
18 plurality of base stations and said specific base station,
19 on the basis of the signal based on the radio signal
20 relating to the second communication type received from the
21 specific base station.

1 9. A controller in a wireless communication system for a
2 mobile station simultaneously communicating with a
3 plurality of base stations comprising:
4 a receiver receiving a plurality of signals, relating to a
5 first communication type, from a plurality of base stations,
6 and receiving a signal, relating to a second communication
7 type different from the first communication type, from a
8 specific base station; and
9 a transmitter transmitting, coupled to said receiver, a
10 control signal generated on the basis of the signal
11 relating to the second communication type received by said
12 receiver from the specific base station, to the plurality
13 of base stations and the specific base station.

1 10. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 9, wherein
4 the first communication type is applied to a voice
5 communication, the second communication type is specialized
6 to a packet access communication.

1 11. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 9, wherein
4 the signal received by said receiver from said specific
5 base station comprises a quality information on a radio
6 signal relating to the second communication type received
7 by the specific base station from the mobile station.

1 12. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 11, wherein
4 the first control signal is a quality target for a radio
5 signal received by said plurality of base stations and the
6 radio signal received by the specific base station from the
7 mobile station.

1 13. A controller in a wireless communication system for a
2 mobile station simultaneously communicating with a
3 plurality of base stations comprising:

4 a receiving means for receiving a plurality of signals,
5 relating to a first communication type, from a plurality of
6 base stations, and receiving a signal, relating to a second
7 communication type different from the first communication
8 type, from a specific base station; and

9 a transmitting means for transmitting a control signal
10 generated on the basis of the signal relating to the second
11 communication type received by said receiving means from
12 the specific base station, to the plurality of base
13 stations and the specific base station.

1 14. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 13, wherein
4 the first communication type is applied to a voice
5 communication, the second communication type is specialized
6 to a packet access communication.

1 15. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 13, wherein
4 the signal received by said receiving means from said
5 specific base station comprises a quality information on a
6 radio signal relating to the second communication type
7 received by the specific base station from the mobile
8 station.

1 16. A controller in a wireless communication system for a
2 mobile station communicating with a plurality of base
3 stations according to claim 15, wherein
4 the first control signal is a quality target for a radio
5 signal received by said plurality of base stations and the
6 radio signal received by the specific base station from the
7 mobile station.

1 17. A controlling method for a wireless communication
2 system comprising:
3 communicating simultaneously between a plurality of base
4 station and a mobile station by using a radio signal
5 relating to a first communication type;
6 communicating between a specific base station and the
7 mobile station by using a radio signal relating to a second
8 communication type different from the first communication
9 type;
10 receiving a signal, based on the radio signal relating to
11 the first communication type, from the plurality of base
12 stations;
13 receiving a signal, based on the radio signal relating to
14 the second communication type, from the specific base
15 station; and
16 transmitting a first control signal to said plurality of
17 base stations and the specific base station, on the basis
18 of the received signal based on the radio signal relating

19 to the second communication type.

1 18. A controlling method for a wireless communication
2 system according to claim 17:
3 receiving the first control signal; and
4 transmitting a second control signal to the mobile station,
5 on the basis of the first control signal.

1 19. A controlling method for a wireless communication
2 system according to claim 18, wherein
3 the received signal, based on the radio signal relating to
4 the second communication type, comprises a quality
5 information on the radio signal relating to the second
6 communication type,
7 the first control signal is a quality target for the radio
8 signal relating to the first communication type and the
9 radio relating to the second communication type,
10 the second control signal is a transmit power control
11 signal for controlling a transmit power of the mobile
12 station.

1 20. A wireless communication system for a mobile station
2 according to claim 19, wherein
3 the transmit power control signal directs to increase or
4 decrease the transmit power of the mobile station.